START

0023017

MEETING MINUTES

Subject: Expedited Response Action Weekly Interface

TO: Distribution BUILDING: 450 Hills

FROM: W. L. Johnson CHAIRMAN: G. C. Henckel

Dept-Operation-Component	Area	Shift	Meeting Date	Number Attending
Environmental Engineering	3000	Day	August 17, 1992	12

Distribution:

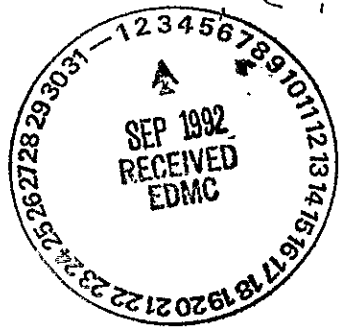
M. R. Adams	H4-55	EPA	B5-01
M. V. Berriochoa	B3-30	P. Beaver*	
H. D. Downey*	L4-92	P. T. Day	
J. K. Erickson*	A5-19	D. R. Einan	
W. F. Heine	B2-35	D. A. Faulk*	
R. E. Lerch	B2-35	L. Gadbois*	
R. G. McLeod	A5-19	P. S. Innis*	
P. M. Pak	A5-19	D. R. Sherwood*	
J. K. Patterson	L4-92	Ecology	fax
J. T Stewart	A5-20	J. Donnelly	
R. K. Stewart*	A5-19	L. Goldstein	
T. M. Wintczak*	L4-92	R. L. Hibbard*	
EDMC	H4-22	D. Goswami*	
ERAG Route		J. Phillips	
Field File Custodian	H4-55	D. D. Teel	
WLJ File/LB		N. Uzremier*	

*Attendees

The weekly interface meeting on the expedited response actions (ERAs) was held to status the ERAs for the U.S. Department of Energy, Richland Field Office and the regulators. The meeting was conducted in accordance with the attached agenda. Actions were formally reviewed and the attached action item list was updated.

All eight ERAs were discussed and their status summarized. The issue of partial facility releases (per the National Contingency Plan) and associated applicabilities to military base closures was brought to the attention of RL by the EPA.

Attachments:
1. Agenda
2. Action Item List
3. Decisions, Agreements & Commitments
4. Expedited Response Action Weekly Report



WEEKLY ERA INTERFACE AGENDA

SUBJECT: STATUS OF THE EXPEDITED RESPONSE ACTIONS

DATE: August 17, 1992

- GENERAL ISSUES
  - ERA Interface Action Item review

- INDIVIDUAL PROJECT STATUS
  - ✓ 618-9 Burial Ground

  - 316-5 Process Trenches
    - ✓ o Project complete

  - 200-W Carbon Tetrachloride
    - ✓ o Site characterization status
    - o Operations status (12 hour operations at 100 cfm)
    - o Procurement & design activities for next two units - site visit this week
    - o Integrated demonstration activities - soil gas technologies

  - ✓ Wahluke Slope
    - o Project plan and SAPs ready for regulatory review (will be issued this week), safety analysis ongoing, GPR complete, NEPA approved

  - ✓ Sodium Dichromate
    - o Project plan (SAP) submitted (comments?)
    - o Safety analysis and NEPA ongoing
    - o GPR completed

  - ✓ Riverland
    - o Planning underway
    - o GPR conducted
    - o NEPA needs to be pushed

  - ✓ Pickling Acid Crib
    - o Planning underway
    - o SAP under development

  - ✓ 618-11 Burial Ground
    - o Planning underway

  - ✓ N-Spring
    - o Internal discussions ongoing

- OTHER ISSUE

- SUMMARY OF ACTION ITEMS

- SIGN-OFF ON ANY DECISIONS, AGREEMENTS, OR COMMITMENTS

9213277

EXPEDITED RESPONSE ACTION INTERFACE MEETING

-ACTION ITEMS-
August 17, 1992

ORGANIZATION	ACTION ITEM
WHC	WHC will prepare an outline detailing proposed activities, technical issues, and schedules for the 618-11 Burial Ground. This outline will be presented at an upcoming ERA interface meeting. (open)
WHC	WHC will research past environmental monitory records (PNL's) to assess the radiological impact of Hanford Operations on the North Slope. (open)
WHC	WHC will provide DOE, EPA, and Ecology copies of the GPR reports for Riverland, North Slope and Sodium Dichromate ERA sites when they become available. (open)
RL	RL agreed to provide a copy of the FONSI for the CCl_4 ERA to the WHC project team. *(closed) Copy was provided on 8/11/92.*

9213137

EXPEDITED RESPONSE ACTION INTERFACE MEETING

-DECISIONS, AGREEMENTS, & COMMITMENTS-
August 17, 1992

DECISIONS:

AGREEMENTS: Nothing of any significance

COMMITMENTS:

DOE Representative

EPA Representative

ECOLOGY Representative

WHC Representative

9213137

Weekly Report, Week Ending August 14, 1992
EXPEDITED RESPONSE ACTIONS
Technical and Management Contact - Wayne L. Johnson, 376-1721
Environmental Division

618-9 Burial Ground Expedited Response Action - Low-level waste boxes at the site are being labelled for transport.

316-5 Process Trench Expedited Response Action - Project complete.

200 West Area Carbon Tetrachloride Expedited Response Action and Arid Site Integrated Demonstration - Characterization report for fiscal year (FY) 1992, due September 30, 1992, is in preparation. This report will provide a status of characterization activities and accomplishments for FY 92. FY 93 site characterization workplan due in draft by September 30, 1992, is also in preparation. This plan will provide the workplan for next fiscal year's site characterization activities for both the expedited response actions (ERAs) and the Arid Integrated Demonstration (ID). It will be finalized by November 30, 1992, after funding levels and principal investigator needs have been established.

The technically qualified low bidder for the Vapor Extraction System (VES) procurement (Barnebey & Sutcliffe) was notified that they were the low bidder and that we are planning to visit their facilities the week of August 17, 1992, to determine whether they are fully capable of performing this work. We plan to discuss cost accounting procedures, purchase order requirements, quality assurance, and design and fabrication capabilities.

The 6" x 4" reducing bushings were received to adapt the 6" inlets and outlets from the new granulated activated carbon (GAC) canisters to the 4" hoses of the existing VES unit such that the new canisters can be connected. A new canister was connected in the polish (or second) position with excellent results. The canister that is in the lead (or first) position is the final radon test canister which will be sampled for evaluating the fate of radon and radon progeny. This data will be used to establish the release criteria for future shipments to the carbon regeneration facility. The plumbing was completed for the vacuum blower coolers and are now awaiting the electrical power connection.

Training was completed and 12 hour operation initiated on August 12, 1992.

Procurement activities thus far have been only minimally impacted by the freeze in spending primarily due to increased justifications and the need for higher level approvals. Procurement for the new process controller, which is the critical path item for 24 hour operation, is still moving slower that we would like. However, it looks as if there are two viable offerors and with the receipt of some clarification information from them, we may be able to get this moving again.

9212137

In discussions with Radiological Engineering on a visit to the VES site, it appears that the simplest and possibly the best method for accounting for the amount of radon loaded onto the GAC is to use the Pylon AB-5 Radon monitors to measure the mass balances of radon around the canisters. In addition, to differentiate between radon and radionuclides in accurately determining mass balances, a record radionuclide sampler will be located in the outlet of the HEPA filters (which is upstream of the GAC canisters) to provide good assurance that there is no man made radionuclides in the canisters prior to release for shipment back to the regeneration facility.

North Slope Expedited Response Action - The recent media coverage has encourage former personnel to supply Environmental Restoration Engineering with indications that a military cache may buried in the area. Also red fuming nitric acid may have been disposed of in drums. Follow-up verification will be performed as soon as possible.

Pickling Acid Crib Expedited Response Action - Project planning is just beginning on this project. NEPA documentation, a cultural resource review, and a plant forces review are in process. Historical data is being collected.

Riverland Railroad Site Expedited Response Action - NEPA documentation is being revised. Preliminary activities continue.

Sodium Dichromate Expedited Response Action - Work continues on project document preparation. Awaiting comments from the regulators on the sampling and analysis plan.

FIGURE 1 - VES DATA

CUMULATIVE		WEEKS OF 7/29 TO 8/12						
Well Field/Well Number	Cummulative CCl_4 Removed, Pounds	CCl_4 Removed Lbs	CCl_4 Concentration (Average)	Effluent CCl_4 Emissions, ppm	Average Flow, SCFM	Vacuum, inches W.G.	Run Time hrs	Hours Scheduled
Z-1A/W18-150	24.6							
Z-1A/W18-175	72.24 **							
Z-1A/W18-158	1.93 **							
Z-1A/W18-159	**							
Z-1A/W18-163	**							
Z-18/W18-97	22.93							
Z-18/W18-10	17.0							
Test W18-167 & W18-171 *	308							
Totals	663.6*	68.8**[1]	400	0.5	190	101	31.7 in 7 days	66

*Includes pilot test run May 91 in the Z-1A Tile Field and operations since February 25, 1992.

** Production from individual wells is not presently available because the CCl4 sensor is located in the main stream piping after the wells join together in the intake manifold to be loaded onto the GAC.

[1] This data is for a 2 week period, the VES ran 7 days in the 14 day period; started 12 hour operation on 8/12; CCl4 concentrations ranged from 660 - 275 ppm during the period.